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SUBSTITUTE for PTO/SB (00) Utility Patent Application Transmittal  
Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. SD-99511A  
First Inventor or Application Identifier A. GILLESPIE ET AL.  
Title DNA ENCODING HUMAN  $\alpha$  AND  $\beta$  SUBUNITS...RECEPTOR  
Express Mail Label No. EL523906834US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification [ Total Pages 54 ]
3. ☒ Drawing(s) (35 USC 113) [ Total Sheets 14 ]  
[ Total Pages 68 ]
4. Oath or Declaration **UNEXECUTED**
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 14 completed)
  - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33 (b).
5. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

6. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Form
  - b. ☒ Paper Copy (identical to computer copy)
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment papers (cover sheet & document(s))
8. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
9. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
10. ☐ Preliminary Amendment
11. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
12. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
13. ☐ Other: \_\_\_\_\_

14. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No. 08 / 487,596  
Prior application information: Examiner WESLEY E. LAZAR Group/Art Unit: 1646

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.

## 15. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

Customer No. **000210**  
(Insert Customer No. or Attach bar code here)

NAME	VINEET KOHLI				
ADDRESS	Merck & Co., Inc., P. O. Box 2000 - Patent Dept., RY60-30				
CITY	Rahway	STATE	NJ	ZIP CODE	07065-0907
COUNTRY	USA	TELEPHONE	732-594- 3889	FAX	732-594-4720

Name	VINEET KOHLI	Registration No. (Attorney/Agent)	37,003
Signature		Date	Nov. 1, 2000

## EXPRESS MAIL CERTIFICATE

DATE OF DEPOSIT November 1, 2000  
EXPRESS MAIL NO. EL 523906 834 US

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS EXPRESS MAIL "POST OFFICE TO ADDRESSEE" ON THE ABOVE DATE IN AN ENVELOPE ADDRESSED TO ASSISTANT COMMISSIONER FOR PATENTS, BOX PATENT APPLICATION, WASHINGTON, D.C. 20231.

MAILED BY Jode Hobbs DATE 11/1/2000

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Deposit Acct. 13-2755  
MERCK & CO., INC.  
Our Case Docket No. SD99511A

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is the patent application of Inventor(s):  
ALISON GILLESPIE, BRIAN O. CLAEPS, LAURA ELENA CHAVEZ-NORIEGA, ROBERT SIEGEL AND KATHRYN J. ELLIOTT

For: DNA ENCODING HUMAN  $\alpha$  AND  $\beta$  SUBUNITS OF NEURONAL NICOTINIC ACETYLCHOLINE RECEPTOR, CELLS TRANSFORMED THEREWITH, AND RECOMBINANT CELL LINE EXPRESSING A HUMAN  $\alpha$  AND  $\beta$  SUBUNIT OF NEURONAL NICOTINIC ACETYLCHOLINE RECEPTOR

For	Number Filed	Number Extra	Rate	Basic Fee \$710
Total Claims	13 - 20 =	0 X	\$18	= \$0
Independent Claims	3 - 3 =	0 X	\$80	= \$0
Multiple Dependent Claims*		X	\$270	=
Add this fee if application contains any multiple dependent claims, regardless of number.		TOTAL FILING FEE $\longrightarrow$		\$710

Please charge my Deposit Account No. 13-2755 in the amount of \$ 710. The Assistant Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Account No. 13-2755. Duplicate copy of this sheet is enclosed.

☒ Under the provisions of 37 C.F.R. §1.53, this application is being filed without the declaration of each inventor.

Respectfully,



By: VINEET KOHLI

Attorney For Applicant(s)

Reg. No. 37,003

MERCK & CO., INC.

Patent Dept., RY60-30

P.O. Box 2000

Rahway, N.J. 07065-0907

(732) 594-3889

Date: November 1, 2000

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MAILED BY <u>Jode Hobbs</u>	DATE <u>11/1/2000</u>

IN DUPLICATE